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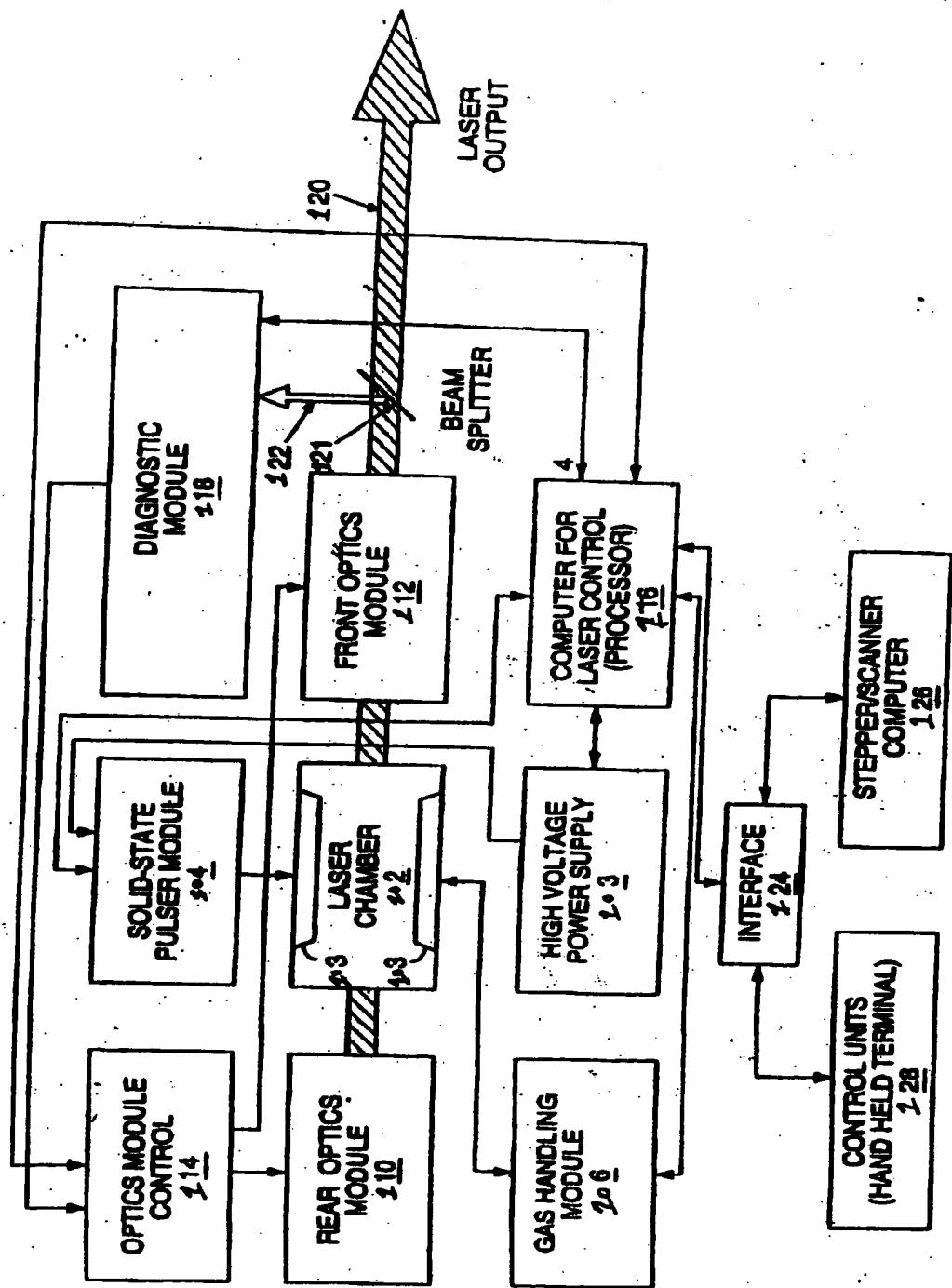
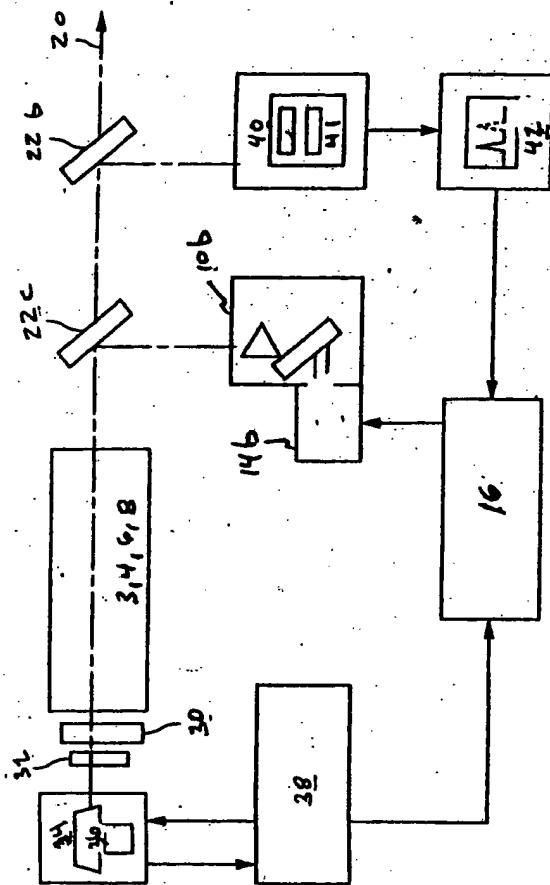


Figure 1



Scheme of the laser system including the apparatus and processing for absolute wavelength calibration

- 31, 34, 38 laser chamber, resonator, gas cell, power supply
- 32 wavelength calibration tool containing absorbing element
- 36 signal processing and driving source for gas cell
- 42 main processing and data recording
- 16 line narrowing and tuning block
- 106 beam splitters
- 22c, 22b resonator mirror
- 14b motor drive for wavelength shift
- 40 wavelength monitoring
- 42 display for wavelength
- 20 narrow-band output beam
- 20 polarizer
- 36 gaseous element

FIG. 2

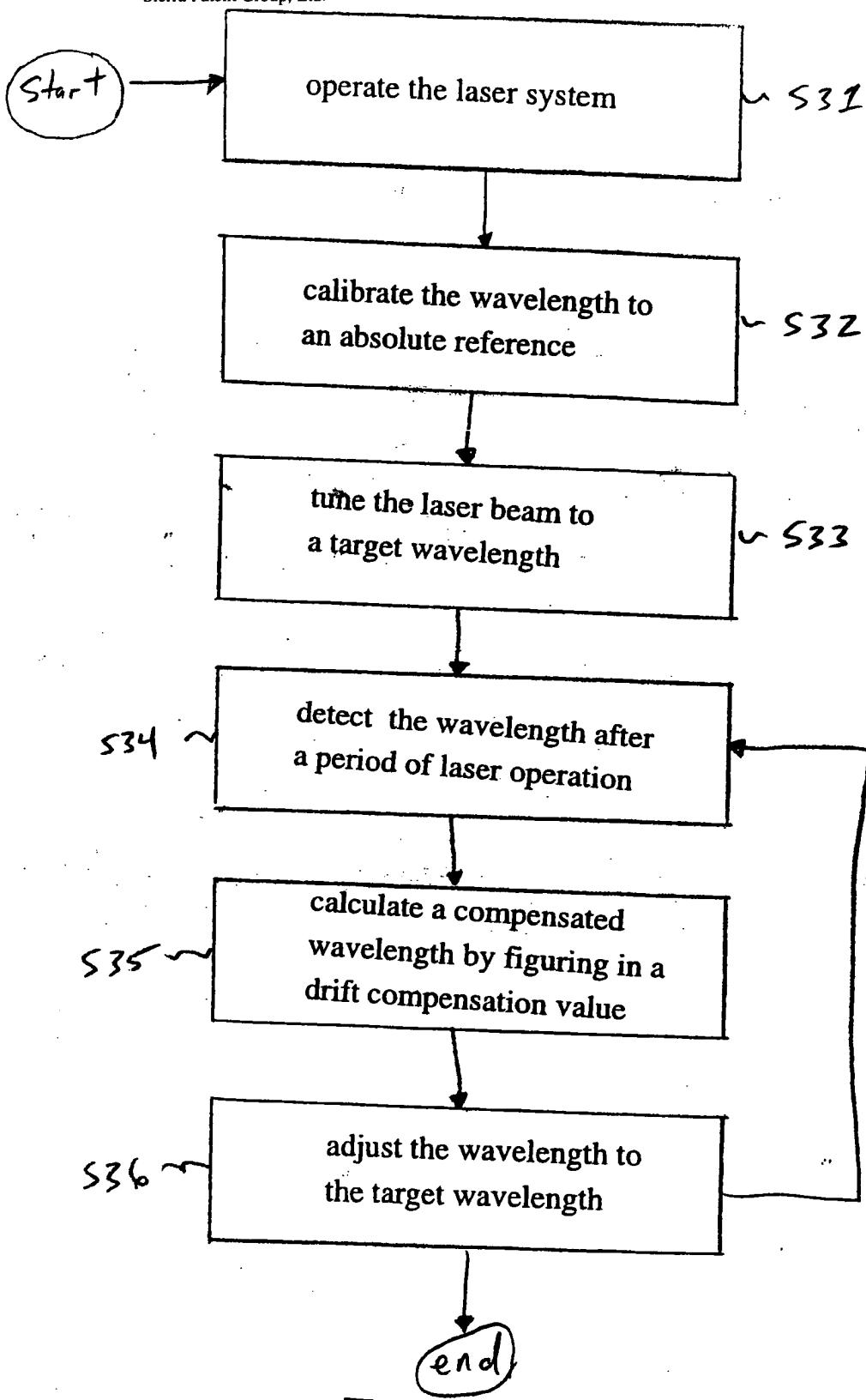


Figure 3

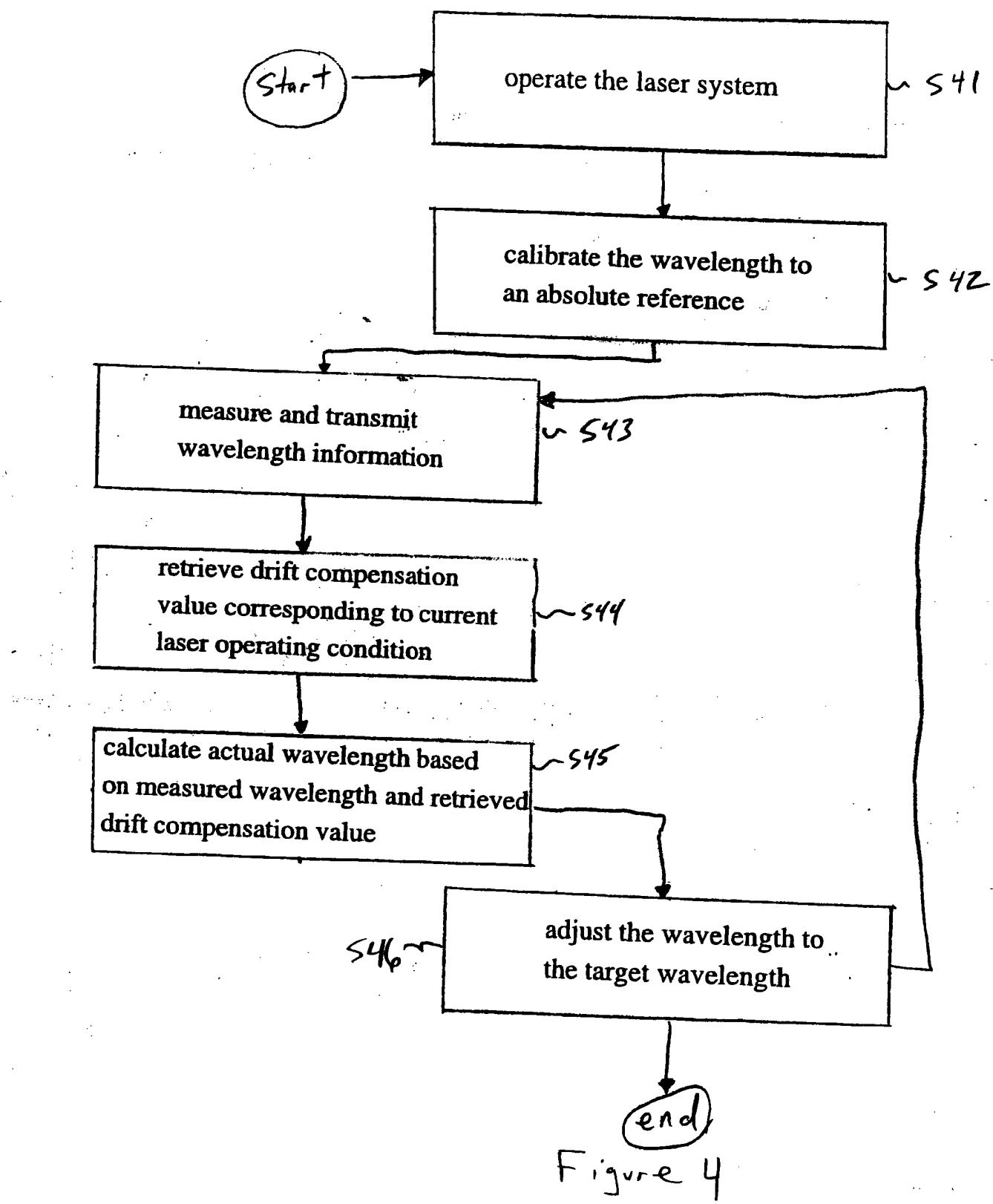


Figure 4

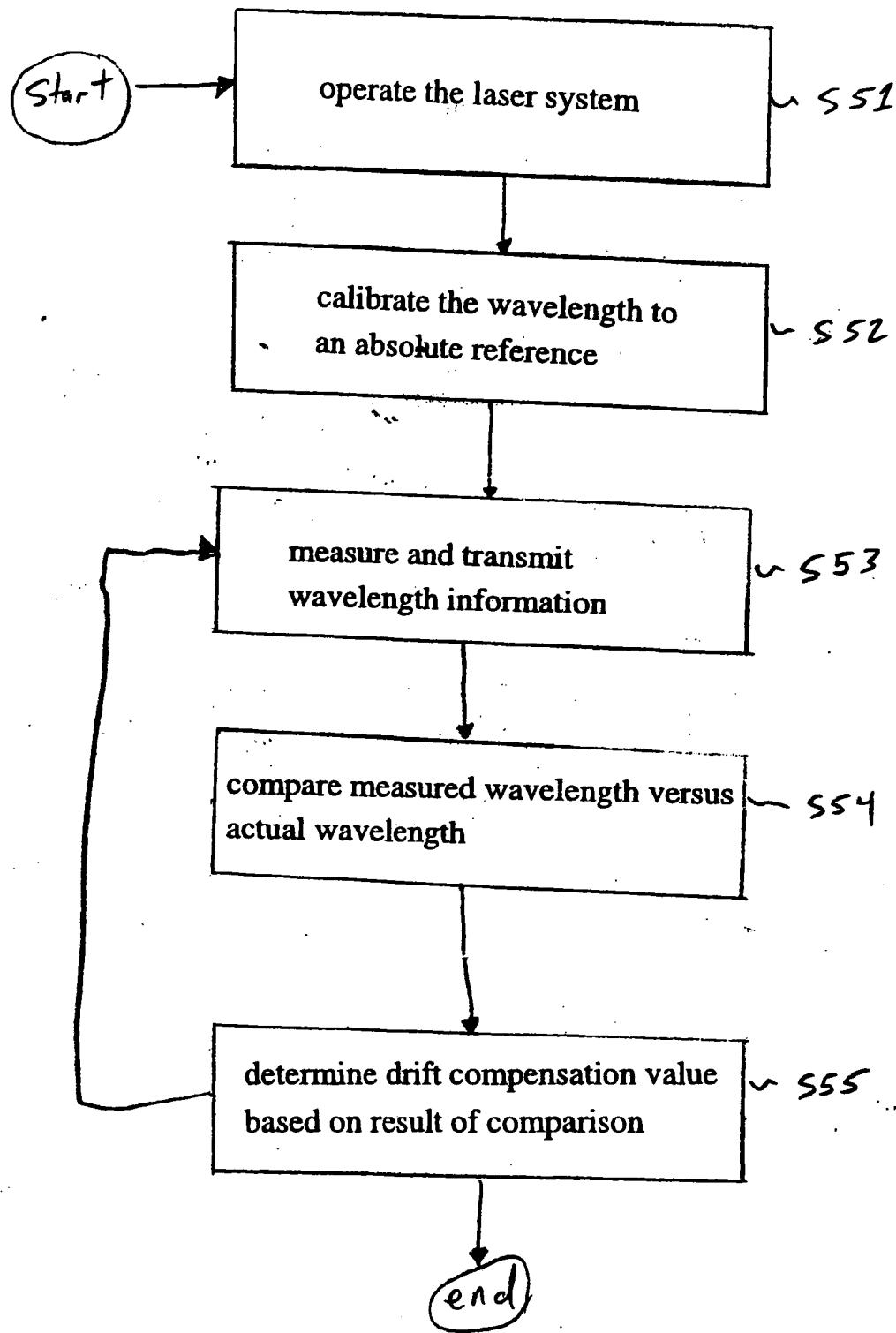


Figure 5

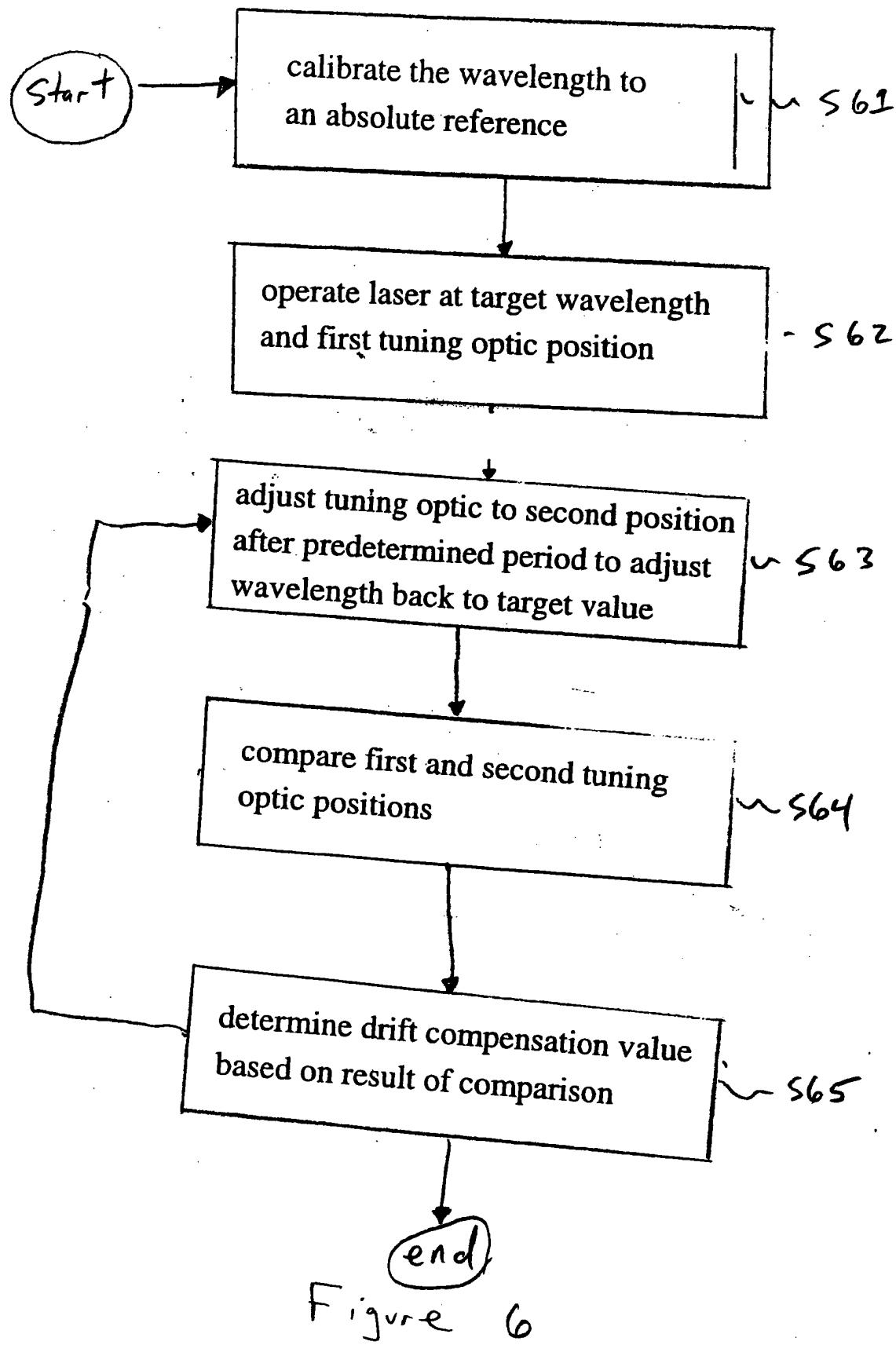


Figure 6

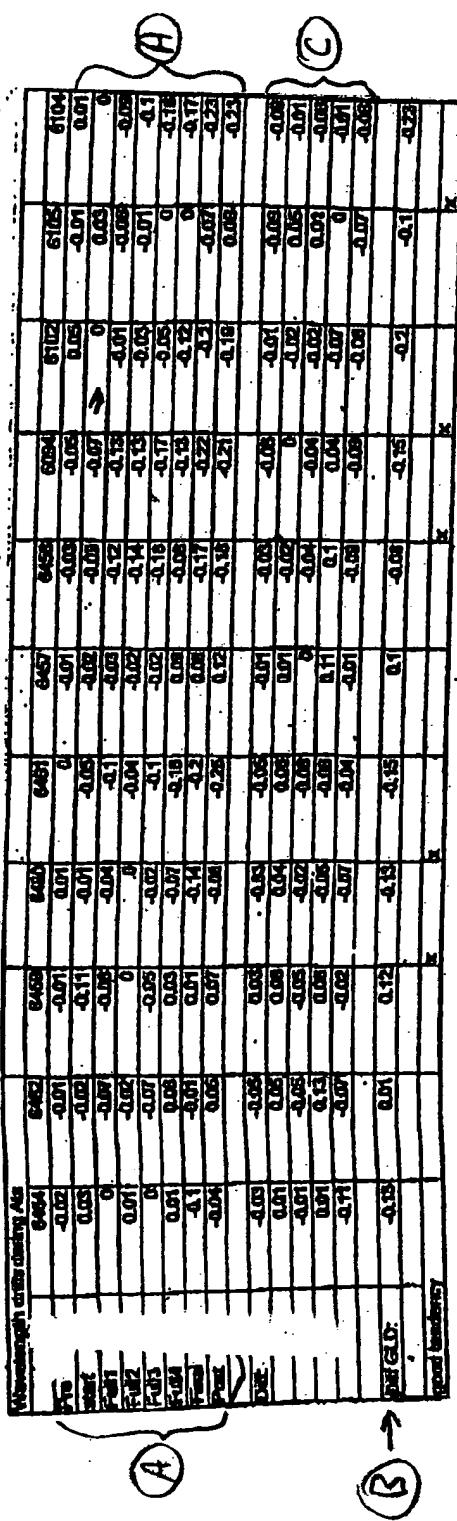


Figure 7